

### AMENDMENTS TO THE SPECIFICATION

**[0024]** In order to support the data transfer rates of networks such as the ones illustrated in FIG. 2, the devices associated with the network need to process and transmit data internally at ~~[[a]]~~ high rates. For example, the router 22, gateway 44, hubs 24 & 26, and server 25 may need to internally process data at rates that ~~makes~~ make the local transmission (intra-device transmission) of data susceptible to distortion by transmission line effects. By implementing specific techniques described herein, the amount of distortion associated with intra-device transmission of signals can be reduced. Specific embodiments of such techniques are further discussed with reference to FIGs. 3-15.